



Government of Puducherry



**ARIGNAR ANNA GOVERNMENT ARTS
AND SCIENCE COLLEGE**

Nehru Nagar, Thalatheru Post, Karaikal - 609 605

UNLEASHED MINDS

College Magazine for the Academic Year 2023–2024

PRINCIPAL'S MESSAGE



Dr. Md. Asaad Raza

Principal
AAGASC, Karaikal

The release of our college annual magazine titled *Unleashed Minds* for the academic year 2023-24 is the result of tireless work of our faculty members and the students. I believe that it is a formal space provided to the students to express themselves creatively and intellectually. The magazine helps the students in their multi-dimensional development of their personality.

I congratulate the editorial members of the college magazine for coming up with a wonderful creation. It is praiseworthy that the students have positively responded to the appeal for the submission of their original works for including them in the present magazine. I congratulate all the contributors to the magazine.

Let's explore our college campus developments in the academic year 2023-24. I wish a joyous and informative reading to all.

With best wishes I conclude my message. Enjoy reading!

Dr. Md. Asaad Raza
Principal

Editorial Message

Special wishes to the readers...

I feel privileged and elevated to get the responsibility to come out with the College Magazine, *Unleashed Minds* for the Academic Year 2023-24. I place on record my sincere gratitude to our beloved principal, Dr. Md. Asaad Raza for giving me a platform to showcase the academic excellences, cultural talents of the students as well as the faculty members of our college. The attempt is made to provide the gist of the achievements as well as contributions made by the students and the faculty members of the college.

The thoughts of revolution, change, multi-dimensional development as well as creativity linger the young minds and they wait for the formal platform to express them. The college magazine is an attempt to provide such opportunity to the students' community through which their innovations, creativities can be fostered. In addition, the success stories of the students and faculty members from the college are also features in the magazine. They serve the dual purposes: firstly, the contributions or the achievements of the stakeholders are recognized for which they feel motivated and secondly, the others seek inspiration and develop an intuition to do something significant in the academia.

The entire teaching fraternity of the college has directly or indirectly contributed to the college magazine. They have inspired the students to come out with their meaningful creations. Even though it is

true that the college is situated at one of the district headquarters (Karaikal) of the Union Territory of Puducherry most of the students hail from the surrounding villages with economically poor backgrounds. The inferiority complex among them prevents themselves expressing their thoughts and present creativities in the formal contexts. The faculty members have strived hard to boost their courage and have provided them a comfortable opportunity to showcase their curricular as well as extra-curricular talents. The positive response of the students in this regard is highly laudable. They have readily accepted to the required modifications in their creations. It reflects the spirit of learning in the minds of the students.

The articles included in the magazine revolve around the developments in the society in the various fields, the values required to be an honest and responsible citizen in the society, the impacts of social media, the rich traditions in India as well as gender sensitivity. The world perceived by the students and their expectations as well as measures required to turn the society towards positivity have been at the center of the magazine.

It is a matter of pride to share with the all that the editorial team members have worked tirelessly to compile the submissions effectively in this magazine. I appreciate their commendable efforts and wholeheartedly express my gratitude to all of them without the cooperation the magazine would not have seen the light of the day. It is my duty to express my thanks to all the contributors to this magazine. I take pleasure in thanking all of them.

I hope that the abundant love shall be showered from the students and faculty members with their contributions for the future issues of the college magazine, so that the tradition of publishing the magazine shall keep flowing in the coming years too in the leadership of any of the members of the college.

We, the College Magazine Committee members, wish the readers of the magazine happy reading!

Chief Editor

Mr. Bilyansidha K. Payagonde

Assistant Professor of English

AAGASC, Karaikal (Puducherry)

Editorial Members

(College Magazine Committee 2023-24)

Chief Editor



Mr. Bilyansidha K. Payagonde
Assistant Professor of English

Co-Editor



Mr. Ravi Shankar Kumar
Assistant Professor of French

Editor



Mr. M. Mohammed Asan Maraicar
Assistant Professor of Tamil

Editor



Mr. S. Gnanaprakasam
Assistant Professor of English

Editor



Dr. Rajeev Singh
Assistant Professor of Physics

Editor



Ms. C. Dhanya
Assistant Professor of Economics

Annual Day Report 2023-24

Arignar Anna Government Arts and Science College

Nehru Nagar, Karaikal- 609 605

INTRODUCTION

Respected dignitaries on and off the dais, faculty members, office staff and students, I am standing before you to present the 55th Annual Day Report.

The 14th day of July 1967 marked a significant and initial landmark in the progress of higher education in Karaikal region of the Union Territory of Puducherry when the Modern College affiliated to the University of Madras was inaugurated by His Excellency Thiru S.L. Silam, the then Lieutenant-Governor of Puducherry. The BA/B.Sc. degree courses in Economics, Mathematics and Chemistry (major subjects) were started in July 1968. In December 1969 the college was re-named as Arignar Anna Government Arts College at once imparting a new significance and dimension to the ideals for which the college stands, as well as with a view to commemorate the name of the great leader 'PERARIGNAR ANNA'. It has become a full-fledged degree college during the academic year 1970-71. Currently, our College offers

10 undergraduate (UG) Courses. There are 981 students studying in UG courses in total.

There are 87 faculty members working in our college. Among the faculty members, 37 of them have acquired Ph.D Degrees.

DEPARTMENT OF PHYSICS

The Department of Physics, Arignar Anna Government Arts and Science College, Karaikal has four staff members including Head of the Department having UG programme. At present, total 32 UG (Main & Allied) students are enrolled in our Department. The summary of the Department activities in this academic year 2023-24 are as follows:

1. Results:-

Sl. No.	Course	Year	Result
1.	B.Sc.	Pass out (Batch 2020-23)	90 %
2.	B.Sc.	I	I Sem result not yet declared

2. Rank holder list:-

Sl. No.	Course	Year	Name of the student	Reg. No.
1.	B.Sc.	Pass out (2023)	NIVEDHA. S	20PH0008

3. Department achievements:-

Faculty Achievements

I. Symposium/Conference/Seminars/Invited talk:-

(a) Dr. Rajeev Singh:

- (i) Participated two day National workshop on “Materials for Green energy Technologies (MAGNET-2024)” organized by SCANMAT Centre, Central University of Tamilnadu from 21 to 22 Feb 2024.
- (ii) Delivered an invited talk as a recourse person on the topic “Indian Knowledge System (IKS) – Imprints of Modern Science in Ancient Literature” in ‘7 Days National Level FDP on Innovation Through Tradition’ organized by RVS College of Arts and Science, Coimbatore in association with Research activity, Shiksha Sanskriti Utthan Nyas, Tamilnadu on 07.01.2024.
- (iii) Presented a research paper entitled, “A Study Based on Density Functional Theory on the Nanostructured Thermal Donors in Czochralski (CZ) Silicon” in the International Conference on “Innovation in Science and Technology for Sustainable Development (ISTSD-2023) organized by Department of Science, Maharishi School of Science and Humanities,

Maharishi University of Information Technology,
Lucknow from 21 to 23 Nov 2023.

- (iv) Participated in the International Symposium on
“Innovative Pedagogies in Interdisciplinary
Perspective in NEP 2020: Case Study Method”
organized by Maharishi University of Information
Technology, Lucknow from 05 to 06 Oct 2023.

- (b) Mr. S. P. Enoch Rajesh:** Presented a research paper entitled,
“Feshbach resonance management in Bose-Einstein
condensate” in the International Conference ‘Complexity and
non-linear dynamics in STEM’ organized by IIT, Hyderabad
from 05 to 07 June 2023.

**II. Orientation/Refresher/FDP/Summer or Winter School
etc:-**

(a) Dr. Rajeev Singh:

- 1) Completed one Refresher Course in Physics
organized by UGC-HRDC, Kumaun University,
Nainital, Uttarakhand from 18.09.2023 to 03.10.2023.
- 2) Completed 7 days FDP programme on
“Contemporary and Innovative Teaching Pedagogy
and Essential Skills for Educators” organized by
Maharishi University of Information Technology,
Lucknow from 24.07.2023 to 31.07.2023.

(b) Mr. S.P. Enoch Rajesh: Completed one Refresher Course in Physics organized by UGC-HRDC, Kumaun University, Nainital, Uttarakhand from 18.09.2023 to 03.10.2023.

Students' Achievements

1. Students have participated in various events Workshop by Nehru Yuva Kendra, Karaikal; NSS; YOGA; Entrepreneurship workshops etc.
2. Students have participated in 'International Coastal Clean-up Day Programme' under 'Swachhh Bharat Mission' in association with NSS volunteers on 16.09.2023.
3. Extended volunteering services in one day National Conference on 'Emerging Materials and Computational Techniques – 2023' sponsored by ISPA, Puducherry organized by Dr. Kalaignar M. Karunanidhi Govt Institute for Postgraduate Studies and Research, Karaikal on 29.09.2023.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been bifurcated into under graduate department and post graduate department. The under graduate department is continuing in AAGA & S college after its establishment in the year 1968. Now the department is functioning with two faculties. One student Jatin Chaudhary of III year B.Sc. Maths has represented the kabaddi team of Pondicherry University and also he has won first prize in beach kabaddi match, conducted by our district

administration. The department has a pass percentage of 67 in the 2020-batch , with one girl was selected and joined TCS, Chennai.

DEPARTMENT OF CHEMISTRY

Sl. No.	Event Organized/A ctivities	Name	Achievements
1.	Industrial Visit (B.Sc Chemistry) 17/10/2023	Department of Industries and Commerce (Kottucherry rural industrial estate)	To get hands on information & practical knowledge about manufacturing of daily used products from small scale industries
2.	Special Achievements of the Faculty Members (including Publications with details)	Dr. Punnagai Munusami	1. Resource Person: One day national level Seminar on “Advanced in Chemistry & Microbial Research: A computational Methods and its Application” organized by Vivekananda College of Arts & Science for women, Sirkali,

			Mayiladuthurai District on 31 st , August 2023.
			2. Resource Person: Gender Sensitization Awareness Program organized by School of Allied Health Sciences, Vinayaka Mission's Research Foundation, Karaikal on 8 th February 2024.
			3. Resource Person: One day International Conference in Material Science organized by E.G.S Pillay Arts & Science, Nagapattinum on 15 th March.
3.	Achievements of Students	Thaarani.A II B.Sc	First place in Intercollegiate dance competition conducted in NIT, Karaikal
4.	Out gone Result	III B.Sc	92%

DEPARTMENT OF COMPUTER SCIENCE

Computer Science students have participated in the **Intercollegiate IT Fest**, conducted by Don Bosco College of Arts and Science, Thamanankudy, Karaikal and won some prices.

Computer Science Students attended the **Job Fair at Puducherry**, conducted by Govt. of Puducherry at Women's Engineering College, Lawspet, Puducherry.

J. JAGADEESAN, Asst. Professor and HOD

- Published an article entitled “**Federated Learning Case Study: Exploring Applications**” in book Applications of AI Emerging Research and Education, Volume - II, IQAC Annamalai University, Chidambaram, ISBN : 978-81-965582-7-7, September 2023
- Presented a Paper entitled “**Embarking on a new journey of Federated Learning** and TensorFlow Framework” in an International conference on Computational Intelligence and its Applications organized by PG & Research Department of CS, A.V.C. College, Mayiladuthurai on March 9, 2024.

DEPARTMENT OF ZOOLOGY

The final year BSc Zoology students have attended a regional workshop on Sustainability of Marine fisheries in the south east coast of India on 7/02/24 organized by Fisheries survey of India in collaboration with directorate of fisheries and fishermen welfare, Karaikal.

Our department has organized an invited lectures on topics “Various fishing methods, tagging and marking”; “Marine biodiversity” on 07 March 2024.

A total of 39 students have appeared for the university examination 2023, out of which 46 % of the students have qualified for higher studies.

DEPARTMENT OF BOTANY

Dr.Kathirvelu Sambandan, Assistant Professor in Botany,

1. Papers Presented in International Conferences - 01

Sambandan, K., 2024. “*Arbuscular Mycorrhizal profiles of costal trees: a study from Karaikal district, U.T of Puducherry*” presented in International Conference on Biodiversity, Biotechnology and Bioprospects of Fungi for Agricultural, Industrial and Environmental Sustainability Organized by **Centre for Advanced Studies in Botany, University of Madras, Guindy**

Campus, Chennai-600025, Tamil Nadu from 06.03.2024 - 08.03.2024

Acted as **Chairman in a Technical Session** in the International Conference on Biodiversity, Biotechnology and Bioprospects of Fungi for Agricultural, Industrial and Environmental Sustainability Organized by **Centre for Advanced Studies in Botany, University of Madras**, Guindy Campus, Chennai-600025, Tamil Nadu from 06.03.2024 - 08.03.2024

2. Papers Presented in National Conferences - 02

Sambandan, K., 2023. “*Catalysing Women’s Empowerment: Entrepreneurship in Biological Sciences in the Indian Context*” presented in the National Seminar on Women Empowerment through Entrepreneurship – Opportunities and Challenges held at Department of Economics, Arignar Anna Govt Arts and Science College, Karaikal, U.T of Puducherry 26 and 27th October 2023.

Sambandan, K., 2023. “*Molecules Vs Biomolecules in the age of computer Science*” presented in the National Conference on Emerging Materials and Computational Techniques – 2023 (NCEMCT – 2023) held at Department of Physics, Arignar Anna Govt Arts and Science College, Karaikal, U.T of Puducherry on 29th September 2023.

3. Workshops - 01

Sambandan, K., 2023. Attended the Workshop on The “*Dynamics of Mangrove Restoration in the Eastern Coast of*

South India” organized by Nature Environment & Wildlife Society, Kolkata on 29th September at Karaikal, U.U of Puducherry.

4. Crash Courses - 01

One Week Crash Course on “**Environmental Studies**” (EVS) For First year Students From 06-07-2023 to 12-07-2023.

5. Lectures - 01

A lecture on “**Millets**” for college students at a programme organized by Nehru Yuva Kendra, Karaikal District on 05-03-2024 at AAGASC, Karaikal.

DEPARTMENT OF TAMIL

Tamil Department Tamil Ilakkiya Mandram Conducted a Program on International Mother Language Day on 21st February 2024. Third Year UG Tamil department students presented their speech. Selvi. A. Sivapriya and Selvi. G. Agalya of III BA Tamil, participated in a Pattimandram, “Samooga Porulathaara Munneraththil perum pangu atrupavargal Aangalae! Pengalae! conducted by Karaikal Block Development Office, at Arignar Anna Govt. Arts and Science College Seminar Hall on 26.02.2024.

Selvi. G. Agalya and Selvi. A. Sivapriya of Third Year BA Tamil, participated as Resource Persons (solo speech) in the workshop on

Gender equality conducted by Karaikal Block Development Office, from 01.03.2024 to 08.03.2024.

Tamil department HOD Dr. V. Rajeswari presented a speech on “Importance of Multilingual education”, in the World Mother Language Day celebrations conducted by Department of English, AAGA&SC on 21.02.2024.

Tamil Department Assistant Professor Mr. Md.Asan Maraicar received ‘KALAI RATHNA AWARD’ from Pudukkottai Arasu Kalaimaamani Viruthaalar Sangam for the year 2023.

DEPARTMENT OF FRENCH

Mr. Ravi Shankar Kumar, Assistant Professor in French presented a paper under the title of ‘**Conservation Propagation et Traduction du folklore indien**’ (20-21 May 2023) at Chandernagore College, West Bengal. He presented another paper entitled ‘**Les idéologies des traducteurs et la représentation de la culture source dans le contexte du folklore indien**’ (18- 20 January 2024) at Banaras Hindi University. He also got a paper published entitled ‘**Un aperçu des œuvres de Premchand traduites en français**’ in Charaiveti journal.

DEPARTMENT OF HINDI

Mr. Rudra Pratap Singh has completed a Refresher Course in Online mode from the HRDC, Banaras Hindu University in the month of

January 2024. He has published a chapter with the title “Ramacharitmenas Aur Vaishwik Jeevanmulya” in a book *Vishwasahitya Mein Sriram* in February 2023. He has also published another chapter titled “Adhunik Hindi Kavitaon mein Rashtriya Loktatvonka ka Bodh”. Mr. Rudra Pratap Singh has presented a paper entitled “Bhakthikalin Kavyon Mein Krishak Jiwan” in an International Seminar organized by the Department of Hindi, Central University of Tamil Nadu, Thiruvavur on 12th August 2023.

DEPARTMENT OF ECONOMICS

S. Arulazhagan, Assistant Professor of Economics presented a paper in ICSSR sponsored National Seminar on the topic “Agricultural Investment to Empower Rural Women Cultivators and Labourers”.

S. Arulazhagan, Assistant Professor of Economics participated in online NEP Orientation and Sensitization programme organized by UGC Malaviya Mission Teacher Training Centre, Pondicherry University.

Miss. Dhanya, Assistant Professor of Economics awarded a 4 credit SWYAM online course certificate on Gandhiji’s Economic Thought offered by Dr. G.V. of Indira Gandhi National Open University.

S. Arulazhagan, Nimain Charan Swain, Rabikan Singh, Dr. B. Sumathi and Miss. Dhanya acted as a coordinating committee members in Two Day ICSSR sponsored National Seminar on “Women Empowerment through Entrepreneurship: Opportunities and Challenges organized by

Department of Economics, Arignar Anna Government Arts and Science College, Karaikal.

Dr. B. Sumathi has presented a paper on "Problems and prospects of women entrepreneur in south Tamil Nadu-A study" in ICSSR sponsored seminar conducted by Arignar Anna Govt. Arts and Science college. She has been awarded by Medical Directorate of health department Karaikal, for best performance of the Blood donation camp conducted in Arignar Anna Govt. Arts and Science College.

DEPARTMENT OF ENGLISH

The department has organized an Elocution Competition in English in the college on the topic "Say No to Corruption: Commit to the Nation" in collaboration with GAIL (India) Limited, Karaikal under the Vigilance Awareness Week-2023 on 03rd November 2023. Mr. Jawahirullah and Ms. Srimathi studying in the Second Year in the department have both won Third Prize in the Elocution competition.

The Department of English has celebrated *World Mother Language Day* on 21st February 2024 on the theme "Multi-lingual Education: A Pillar of Learning and Intergenerational Learning". Dr. V. Rajeswari, HOD, Tamil, Mr. Ravi Shankar Kumar, HOD French, Mr. Rudra Pratap Singh, HOD Hindi have delivered the speeches on the occasion.

Dr. K. Meenatchi, HOD has completed UGC-Sponsored Online Refresher Course in English Language and Literature from 12.07.2023

to 25.07.2023 from HRDC, Bharathidasan University, Tiruchirapalli. She has participated in a Two Day ICSSR sponsored National Seminar on “Women Empowerment through Entrepreneurship: Opportunities and Challenges organized by Department of Economics, Arignar Anna Government Arts and Science College, Karaikal and presented a paper titled “Women Empowerment Leads to Entrepreneurship in Villages”.

Mr. Bilyansidha Kallappa Payagonde has attended a Refresher Course in English at HRDC, Pondicherry University from 17th August to 30th August 2023. He has acted as judge for the debate competition held on the topic “Is Digitalization Making India Corruption Free?” organized by GAIL (India) Limited on 01st November 2023.

Mr. S. Gnanaprakasam has completed a Refresher Course in English Literature at Malaviya Mission Teacher Training Centre of Calicut University in the month of October, 2023.

DEPARTMENT OF PUBLIC ADMINISTRATION

The Academic overall result of outgone students is 45%. The Students of Public Administration conducted Mock Parliament in January 2024 on the eve of National Voters Day. The Students are also participated several events conducted at District Level.

Our Students Miss. Gajapriya, Miss. Vinosri, III B.A. Public Administration and Mr. Surya, II B.A. Public Administration participated in Yuva Sangam youth exchange Programme, initiated by Government of India ‘EK BHARAT SHRESHTHA BHARAT’ held at

National Institute of Technology Durgapur, West Bengal from 4th to 12th May 2023.

NATIONAL SERVICE SCHEME (NSS)

Sl. No.	Date	Programme	Place	No. of volunteers participated	No. of hours
1	21.06.2023	International Yoga Day	District Indoor Stadium	20	3
2	26.06.2023	International Day against Drug Abuse	District Collectorate	20	3
3	02.07.2023	Maangani Festival	Ammaiyar Temple	20	8
4	09.08.2023	Meri Mati Mera Desh Campaign	College	100	--
5	11.08.2023	Tree Plantation	College Premises	50	2

6	15.08.20 23	Independence Day Celebration	College	50	2
7	24.08.20 23	Red Run Mini Marathon	District Stadium to Collector's Office	10	3
8	31.08.20 23	Mera Bill Mera Adhikar	District Collector's Office	50	3
9	06.09.20 23	Campus Cleaning Drive	College Campus	30	2
10	13.09.20 23	Campus Cleaning Drive	College Campus	30	2
11	16.09.20 23	International Coastal Cleanup day	Kilinjalmadu Beach	50	3
12	21.09.20 23	Herbal Drink Distribution for Dengue Control	College Campus	50	3

13	27.09.20 23	World Tourism Day	Thirunallar Temple	30	3
14	01.10.20 23	Shramdhaan for swacchatha	College Premises	20	3
15	13.10.20 23	Amrit Kalsh Programme	College Premises	50	1
16	13.10.20 23	Panch Pran Pledge	College Premises	50	1
17	22.10.20 23	Campus Cleaning Drive	College Premises	100	3
18	27.10.20 23	Orientation Programme	College Conference Hall	100	3
19	27.10.20 23	Drug Abuse and its effects	College Conference Hall	100	1
20	31.10.20 23	National Unity Run	College Road	50	1

21	01.11.20 23	Liberation Day	College Premises	20	2
22	20.11.20 23	National Integration Pledge	College Premises	100	1
23	21.11.20 23	Voters Awareness Rally	Collector's Office to New Bus stand	50	3
24	30.11.20 23	Meme competition along with ELC	College Premises	50	3
25	20.12.20 23	Sanipeyarch i Festival – Traffic and crowd management	Thirunallar	25	8
26	19.12.20 23 – 28.12.20 23	Adventure Camp at Pongdam, Himachal Pradesh	Himachal Pradesh	2	10 Days

27	12.01.20 24	National Youth Day	College Premises	50	1
28	12.01.20 24	Telecast of PM Speech	College Auditorium	100	2
29	14.01.20 24	Karaikal Carnival, Road show	Road show	20	4
30	25.01.20 24	National Voters Day Rally	Thanthai Periyar School to PKCE	20	4
31	25.01.20 24	National Voters Day Pledge	College Premises	250	1
32	14.02.20 24	Road Safety awareness rally	From Karaikal Bus stand to College	100	5
33	14.02.20 24	Campus Cleaning Drive	AAGASC	50	2

34	21.02.20 24	Campus Cleaning Drive	AAGASC	50	2
35	27.02.20 24	EVM demonstrati on	AAGASC	500	6
36	05.03.20 24	Neighbourh ood Youth Parliament	AAGASC	250	6
37	07.03.20 24	Integrated Health testing camp	AAGASC	200	6
38	13.03.20 24 19.03.20 24	NSS Special Camp	Vadamatta m	50	7 days

NCC

Various activities were carried out by the NCC Company of this institution during the training year 2023-24 as follows:

- **Profile:** The NCC company Arignar Anna Government Arts & Science College, Karaikal having the strength of 100 SD and SW cadets of Army wing under the aegis of 2 (P) Indep Coy NCC, Karaikal and the same is officiated and commanded by one Associate NCC Officer Lieutenant Dr. V. Sivakumar this year he completed his three month PRCN Course in Nagpur, Maharashtra.
- **Result:** 1. The passing percentage of NCC “C” Certificate Exam is 100%.
2. The passing percentage of NCC “B” Certificate Exam is 100%.
- **Camp Activities:**
All SD & SW Cadets of this Institution were participated in numerous camps such as ATC, CATC, TSC, RDC and NIC etc during the training year and won the various prizes and awards with due appreciations.
- **Achievements:**
The College NCC Unit secured Best Contingent Award in the Independence Day, Republic Day and

Puducherry Libration Day celebrations conducted by District Administration of Karaikal.

- **Social Service Activities:**

Our Cadets are also actively participated in the social service activities such as Blood donation and Tree plantation drive etc. NCC Cadets voluntarily donated the Blood to the Blood bank in GH & VMMC Hospital, Karaikal. Also NCC Unit of this Institution conducted various awareness rallies such as Anti-Tobacco, Anti-Malaria, AIDS awareness Programme, water conservation Rally, Beach Cleaning Programme along with Indian Coast Guard, Karaikal and effectively took part in the Clean India Campaign.



Thank you...

-Editorial Team